

**Table 2.** Summary of base (100-year) flood discharges and elevations for selected sites in Livingston County, Missouri[mi<sup>2</sup>, square mile; ft/mi, foot per mile; ft<sup>3</sup>/s, cubic foot per second; ft, foot; NGVD 29, National Geodetic Vertical Datum of 1929]

Map number (fig. 1)	Stream and location	Drainage area (A) (mi <sup>2</sup> )	Main-channel slope (S) (ft/mi)	Base (100-year) flood discharge <sup>a</sup> (ft <sup>3</sup> /s)	Base (100-year) flood elevation <sup>b</sup> (ft)
BFE 1	Shoal Creek at State Highway C at Dawn	566	3.76	37,100	701.0
BFE 2	Shoal Creek Drainage Ditch at State Highway DD near Dawn	566	3.76	37,100	701.0
BFE 3	Shoal Creek Drainage Ditch at County Road 418 near Dawn	589	3.60	37,500	696.5
BFE 4	Indian Branch at State Highway N at Sampsel	22.6	13.1	6,990	711.7
BFE 5	Tributary to Indian Branch at County Road 515 near Sampsel	2.50	63.1	2,860	755.4
BFE 6	Honey Creek at County Road 202 near Farmersville	106	6.99	15,400	730.8
BFE 7	No Creek at U.S. Highway 65 near Farmersville	67.0	6.82	11,300	731.3 <sup>c</sup>
BFE 8	Crooked Creek at U.S. Highway 65 near Chillicothe	13.6	16.6	5,450	716.4 <sup>c</sup>
BFE 9	Tributary to Coon Creek at State Highway 190 at Chillicothe	2.20	32.1	2,080	734.9
BFE 10	Blackwell Branch at County Road 232 at Chillicothe	3.43	28.0	2,660	738.9
BFE 11	Blackwell Branch at U.S. Highway 36 at Chillicothe	7.37	18.4	3,790	701.7 <sup>c</sup>
BFE 12	Medicine Creek at State Highway K near Chula	395	4.28	30,700	721.7 <sup>c</sup>
BFE 13	Muddy Creek at State Highway KK near Chula	44.3	8.58	9,360	733.0 <sup>c</sup>
BFE 14	Little Muddy Creek at State Highway KK near Chula	19.3	12.3	6,170	734.6 <sup>c</sup>
BFE 15	Muddy Creek at County Road 216 near Chula	72.2	7.98	12,600	717.9
BFE 16	Medicine Creek at U.S. Highway 36 near Wheeling	520	4.38	37,000	686.1
BFE 17	Campbell Creek at County Road 310 near Bedford	4.19	39.5	3,410	691.8
BFE 18	Towstring Creek at County Road 387 near Hale	11.4	25.2	5,600	667.4

<sup>a</sup> Alexander and Wilson (1995),  $Q_{100}=376(a)^{0.652}(S)^{0.346}$ , Region 1.<sup>b</sup> Above NGVD29.<sup>c</sup> R. J. Huizinga, U.S. Geological Survey, written commun., 2002.